# β-Catenin Mouse Monoclonal Antibody(4F2)

# Catalog No.: RA10022

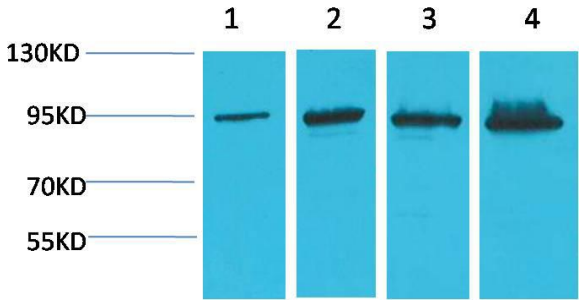
## Basic Information

| Information | |
|---|---|
| **Reactivity** | H,M,R |
| **Immunogen** | Recombinant Protein |
| **Host** | Mouse |
| **Isotype** | IgG1 |
| **Storage Buffer & Condition** | 1mg/ml in PBS, pH 7.4, containing 0.02% sodium azide and 50% glycerol. |
| **Observed MW** | 92KD |

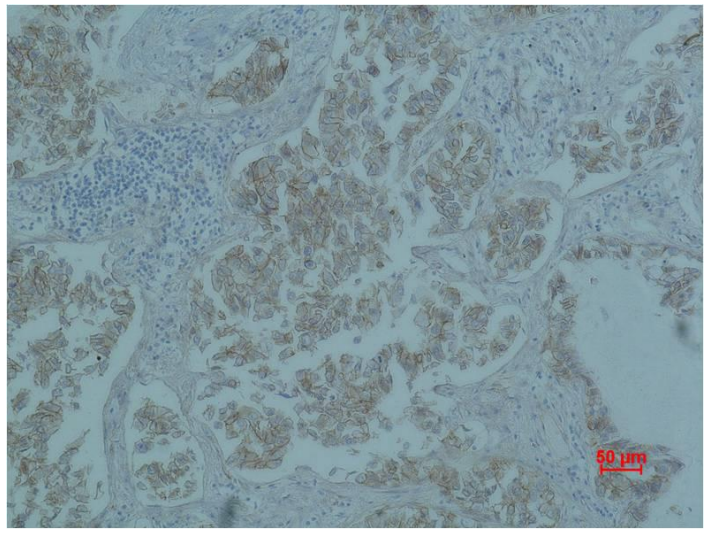
| Applications | Recommended Dilution |
|---|---|
| **WB** | 1:1,000-2,000 |
| **IHC** | 1:200-500 |

| Preparation & Storage | |
|---|---|
| **Storage** | Store at -20°C. Stable for one year from the date of shipment. |
| **Shipping** | Bule Ice |

# Experimental Data




Western blot analysis of 1)Hela, 2)293T, 3)Mouse Liver Tissue, 4)Rat Liver Tissue, with β-Catenin Mouse mAb diluted at 1:2,000.




Immunohistochemical analysis of paraffin-embedded Human Lung caricnoma using β-Catenin Mouse mAb diluted at 1:500.

# Background

The distinct peripheral cytosolic proteins,alpha,beta and gamma catenin (102,94 and 86 kDa) are found in many tissues and bind to the conserved cytoplasmic tail domain of the cell adhesion cadherins. Catenins link E cadherin to other integral membrane or cytoplasmic proteins and are modulated by Wnt1 proto oncogene. The central core region of beta catenin is involved in mediation of cadherin catenin complex interaction with EGFR. Beta-Catenin-mediated signalling is involved at several stages of vertebrate neural development.